

**REMARKS**

The Specification has been amended to insert an additional sequence identifier into in the heading of Table 6. A corrected Sequence Listing, in paper and machine readable copies, was submitted on January 3, 2006, together with the requisite Statement under 37 CFR 1.821-1.824 and an amendment. None of the amendments made herein constitutes the addition of new matter.

**Additional Copy of Table 5 as amended**

In response to the request of the Examiner, a further copy of Table 5, page 96, is attached hereto. Applicants note that the corrected Table 5 was submitted to the Patent and Trademark Office by facsimile on December 16, 2005.

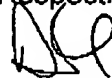
**Conclusion**

In view of the foregoing, it is submitted that this case is in condition for allowance, and passage to issuance is respectfully requested.

If there are any outstanding issues related to patentability, the courtesy of a telephone interview is requested, and the Examiner is invited to call to arrange a mutually convenient time.

It is believed that this response does not necessitate the payment of any fees under 37 C.F.R. 1.16-1.17. If this is incorrect, however, please charge any fees due under the foregoing Rules to Deposit Account No. 07-1969.

Respectfully submitted,



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Attorney Docket No.: 11-88L  
dti: January 5, 2006

[illegible]

TABLE 5 (SEQ ID NO:28 and SEQ ID NO:29)

1 GGGGTGCAAA GAAGAGACAG CAGCGCCACG CTTGGAGGTG CTAACCTCCAG AGCCAGCAT CAGCAACTGG GCACAGAAAG  
81 GAGCCGCCTG GGCAGGGACC ATGGCACGGC CACATCCCTG GTGGCTGTGC GTTCTGGGGA CCCTGGTGGG GCTCTCAGCT  
M A R P H P W L C V L G T L V G L S A  
161 ACTCAGCCC CCAAGAGCTG CCAAGAGAGG CACTACTGGG CTCAGGGAAA GCTGTGCTGC CAGATGTGTG AGCCAGGAAC  
T P A P K S C P E R H Y W A Q G K L C C Q M C E P G T  
241 ATTCTCTGTG AAGGACTGTG ACCAGCATAG AAGGCTGCT CAGTGTGATC CTTGCATACC GGGGGTCTCC TTCTCTCCTG  
F L V K D C D Q H R K A A Q C D P C I P G V S F S P D  
321 ACCACCAAC CCGCCCCAC TGTGAGAGCT GTCGGCACTG TAACTCTGGT CTTCTCGTTC GCAACTGCAC CATCACTGCC  
H H T R P H C E S C R H C N S G L L V R N C T I T A  
401 NATGCTGAGT GTGCCTGTG CAATGGCTGG CAGTGCAGG ACAAGGAGTG CACCGAGTGT GATCCTCTTC CAAACCTTC  
N A E C A C R A C R N G W Q C R D K E C T E C D P L P N P S  
481 GCTGACCGCT CGGTGCTCTC AGGCCCTGAG CCCACACCCT CAGCCCCACC ACTTACCTTA TGTCAGTGAG ATGCTGGAGG  
L T A R S S Q A L S P H P Q P T H L P Y V S E M L E A  
561 CCAGGACAGC TGGGCACATG CAGACTCTGG CTGAQTTCAG GCAGTGCCT GCCCGGACTC TCTCTACCCA CTGGCCACCC  
R T A G H M Q T L A D F R Q L P A R T L S T H W P P  
641 CNAAGATCCC TGTGCAGCTC CGATTTTATT CGCATCCTTG TGATCTTCTC TGGAAATGTT CTTGTTTTCA CCCTGGCCGG  
Q R S L C S S D F I R I L V I F S G M F L V F T L A G  
721 GGCCCTGTTT CTCCATCAAC GAAGGAATA TAGATCAAAC AAAGGAGAAA GTCTGTGGA GCCTGCAGAG CCTTGTCTGTT  
A L F L H Q R R K Y R S N K G E S P V E P A E P C R Y  
801 ACAGCTGCC CAGGGAGGAG GAGGGCAGCA CCATCCCCAT CCAGGAGGAT TACCGAAAC CGGAGCCTGC CTGCTCCCC  
S C P R E E E G S T I P I Q E D Y R K P E P A C S P  
881 TGAGCCAGCA CCTGCGGTAG CTGCACTACA GCCCTGGCCT CCACCCCCAC CCGCGCCGACC ATCCAAGGGA GAGTGAGACC  
\*  
961 TGGCAGCCAC AACTGCAGTC CCATCCTCTT GTCAGGGGCC TTTCCTGTGT ACACGTGACA GAGTGCCCTTT TCGAGACTGG  
1041 CAGGGACGAG GACNAATATG GATGAGGTGG AGAGTGGGNA GCAGGAGCCC AGCCAGCTGC GCGCGCTGC AGGAGGGCGG  
1121 GGGCTCTGGT TGTAAAGCAC ACTTCCTGCT GCGAAGACC CACATGCTAC AAGACGGGCA AATATAAGTG ACAGATGACC